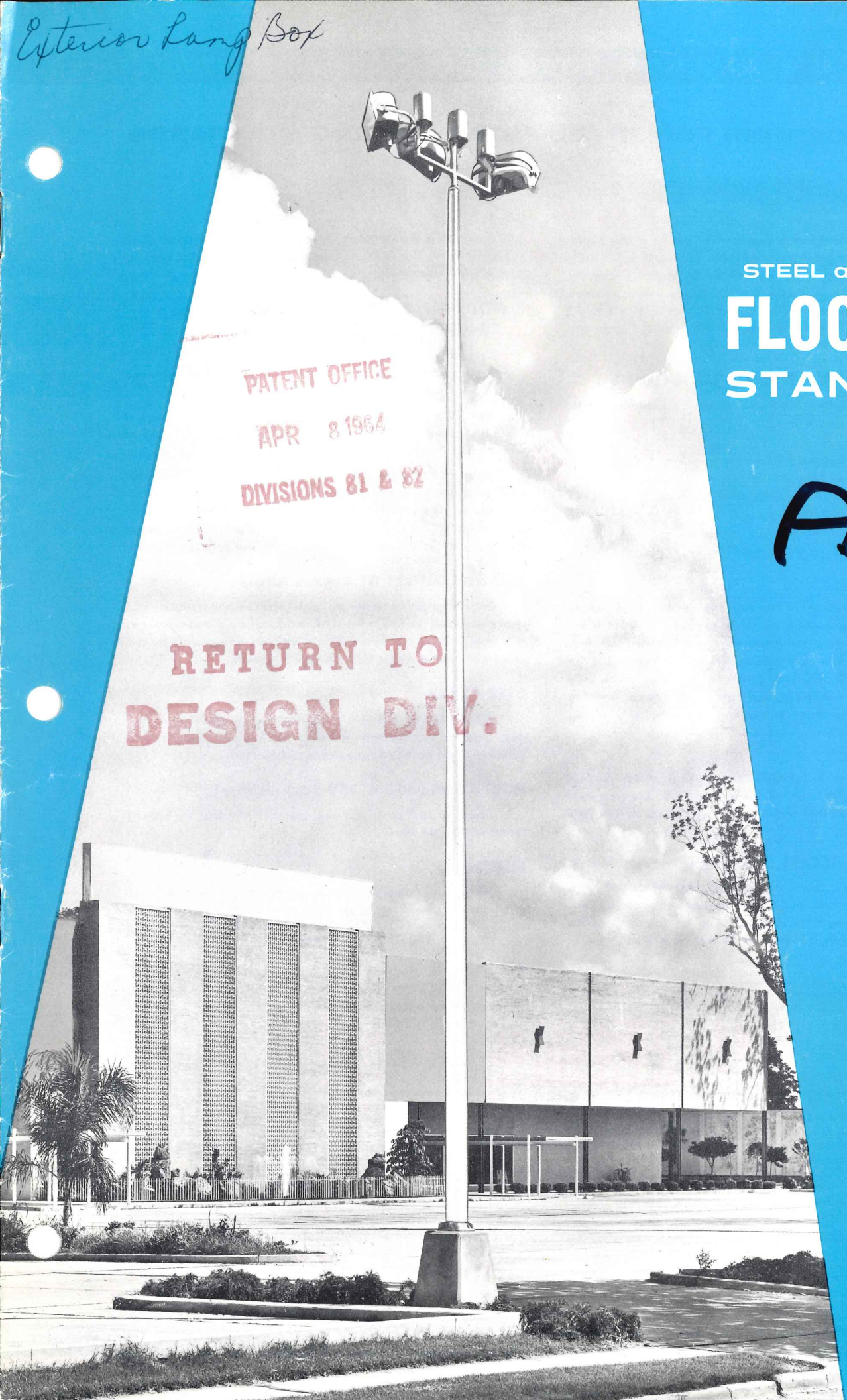
Exterior Lamp Box



PATENT OFFICE
APR 8 1964
DIVISIONS 81 & 82

RETURN TO
DESIGN DIV.

STEEL and ALUMINUM

FLOODLIGHT STANDARDS

A-23

KERRIGAN
IRON WORKS
COMPANY
NASHVILLE
TENNESSEE

Subsidiary of
ROCKWELL
STANDARD®
Corporation

A.I.A. FILE NO. 31-F-22

SPECIFICATIONS FOR STEEL FLOODLIGHTING STANDARDS

DESIGN

Poles shall be designed to support the number of floodlights listed under each arrangement in wind loads equivalent to 100 MPH (25.6 PSF) peak wind pressure. Design shall be based on using underground wiring and enclosed floodlights with a maximum projected area of 2.4 sq. ft and with a coefficient of drag of 0.78 or less and 1.3 or less when using the Wilson Wide Lite type of lights and arrangement.

STANDARD CATALOG STEEL FLOODLIGHTS

Standard catalog steel floodlights consist of the following parts:

1. Anchorage
2. Anchor base
3. Pole wiring access opening
4. Shaft
5. Floodlights supporting cross arms, brackets or ring.
6. Wiring outlet at cross arms.
7. Step bolts
8. Pole cap (series 365 do not have cap)

ANCHORAGE

Anchorage shall consist of four high strength steel (Y. S. equals 50,000 PSI) anchor bolts. Each anchor bolt shall be threaded at the top and have on "L" bend at the bottom. Upper threaded part shall be galvanized. Miscellaneous components of anchorage shall be four galvanized acorn nuts, four galvanized hex nuts (to be used under anchor base for leveling), and four galvanized flat washers. Template prints giving anchor bolt setting information shall be furnished with each order.

ANCHOR BASE

Anchor base shall be fabricated from steel plate and shall be provided with four holes to receive the anchor bolts. The base shall be welded to the shaft with a continuous weld on the outside and inside.

POLE WIRING ACCESS OPENING

Poles shall have a door frame carrying a removable door, providing access to the interior of the shaft, welded in an opening 9½" inches from the bottom of the shaft to its center. The approximate internal dimensions of the handhole frame shall be 4½"x6".

SHAFT

The shaft shall be formed from high strength carbon steel with a minimum yield strength of 50,000 psi. The shaft shall be octagonal in section and have a continuous taper of approximately 0.14 inches per foot. The shaft shall be attached to the anchor base by means of two perimetrical welds.

FLOODLIGHTS SUPPORTING CROSS ARMS, BRACKETS OR RING

Cross arms for floodlights mounting shall be made of 3½"x2½" x¼" steel angle arranged for the required number of floodlights and designed to clamp to the pole.

Bracket pipe arms for floodlights mounting shall be made of 1½" or 2" standard pipe designation AP1-5L Class 2 and shall be arranged for the required number of floodlights.

Ring for floodlight mounting shall be made of 3½"x3"x¼" steel angle and 2" standard pipes welded together and to an octagonal sleeve. The angle shall be arranged for the required number of floodlights. The sleeve shall be made to slip fit over the top of the shaft and shall be provided with a removable pole cap.

WIRING OUTLET AT CROSS ARMS

Poles arranged for cross arm angles shall be provided with a 2" steel pipe nipple welded to the shaft and located just under the cross arm angle. Poles arranged for pipe brackets or ring shall be provided with internal access from the pole to the arm.

STEP BOLTS

Poles which have step bolts (see notes under each series) shall have threaded lugs securely welded in place at pole step locations. Pole steps shall be ⅝"x6" removable carriage bolts.

POLE CAPS (353 & 359 Series Only)

Pole cap shall be of cast iron and shall attach to the pole by means of steel set screws.

FINISH

All parts of floodlighting pole, except anchor bolts shall be given one dip coat of red oxide primer.

NOTE

Kerrigan Iron Works Company reserves the right to change specifications of its products at any time and without notice. Such changes, however, will be noted on approval drawings, when such drawings are requested by purchaser.

WARRANTY

We warrant all goods of our manufacture to be free from defects caused by faulty material or poor workmanship and will at our option repair or replace, without charge, or allow credit for any such goods found on examination by us to be defective under normal use and service within one year from date of shipment to the buyer, provided we are promptly notified in writing upon discovery of such defects.

Goods shall not be returned to us without our consent in writing.

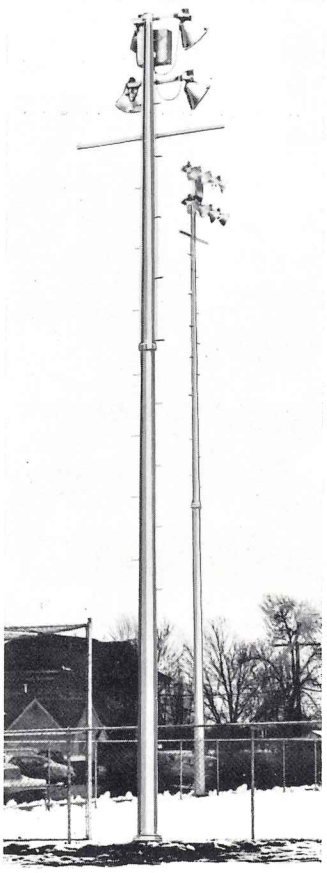
This warranty does not cover damage caused by improper installation, overloading, accident, neglect or harmful alterations or repairs made by others.

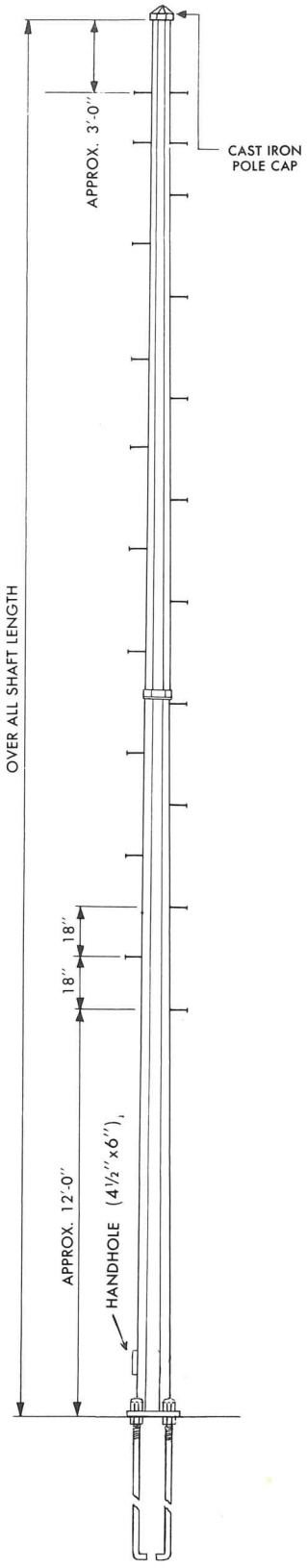
The buyer's remedies with respect to defective goods shall be exclusively limited as above provided.

SERIES 353

NOTES:

1. FIGURE NO. INDICATES CROSS ARM ARRANGEMENT. SEE PAGES 5 & 7.
2. TO ORDER—SPECIFY MODEL NO. AND FIGURE NO. (NO MORE THAN ONE FIGURE NO. PER POLE).
3. 50 FT. AND 60 FT. SHAFTS COME IN TWO SECTIONS WITH TELESCOPIC JOINT. BOTTOM SECTION NO. 7 GAGE.
4. STEP BOLTS FURNISHED WITH ALL POLES.
5. FOR OTHER DETAILS SEE SPECIFICATIONS ON PAGE 2.
6. NO CAST IRON POLE CAP FURNISHED WITH 61K-WW & RING. SEE PAGES 5 & 7.

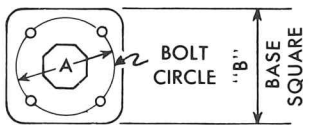




MODEL NO.	POLE SIZE	FIGURE NO.
353000	9"x4.8" 30'-0" #11 GAGE	1, 3, 5 & 16
353001		2, 4, 6 & 12
353002		8, 10 & 13
353003		14 & 15
353004		7, 9 & 11
353005		61K-WW & RING
353006	10"x5.10" #11 GAGE 35'-0"	1, 3, 5 & 16
353007		2, 4, 6 & 12
353008		8, 10 & 13
353009		14 & 15
353010		7, 9 & 11
353011		61K-WW & RING
353012	11"x5.47" 39'-6" #11 GAGE	1, 3, 5 & 16
353013		2, 4, 6 & 12
353014		8, 10 & 13
353015		14 & 15
353016		7, 9 & 11
353017		61K-WW & RING
353018	11"x4.24" #11 & #7 GA. 50'-0"	1, 3, 5 & 16
353019		2, 4, 6 & 12
353020		8, 10 & 13
353021		14 & 15
353022		7, 9 & 11
353023		61K-WW & RING
353024	12"x3.84" #11 & #7 GA *60'-0"	1, 3, 5 & 16
353025		2, 4, 6 & 12
353026		8, 10 & 13
353027		14 & 15
353028		7, 9 & 11
353029		61K-WW & RING

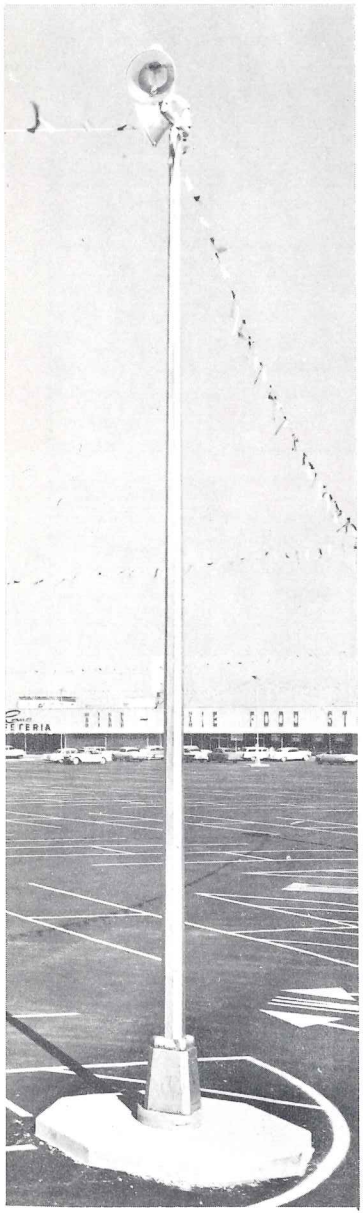
ANCHOR BOLT DATA AND PLAN

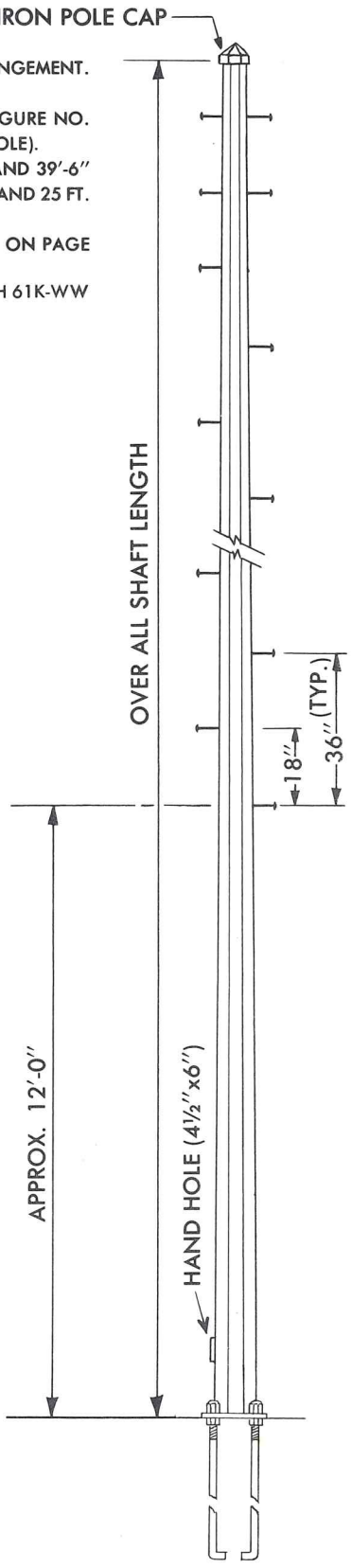
SHAFT LENGTH	BOLT CIRCLE "A"	BASE SQUARE "B"	ANCHOR BOLT SIZE
30'-0"	12¾"	12"	1"x40"
35'-0"	13 3/16"	13¼"	1¼"x48"
39'-6"	15 3/16"	14"	1¼"x48"
50'-0"	15 3/16"	15"	1½"x60"
60'-0"	16⅝"	17"	1½"x60"



SERIES 359

NOTES:
1. FIGURE NO. INDICATES CROSS ARM ARRANGEMENT. SEE PAGES 5 AND 7.
2. TO ORDER—SPECIFY MODEL NO. AND FIGURE NO. (NO MORE THAN ONE FIGURE NO. PER POLE).
3. STEP BOLTS SUPPLIED ON 30 FT., 35 FT., AND 39'-6" POLES ONLY. NO STEP BOLTS ON 20 FT. AND 25 FT. POLES.
4. FOR OTHER DETAILS SEE SPECIFICATIONS ON PAGE 2.
5. NO CAST IRON POLE CAP FURNISHED WITH 61K-WW & RING. SEE PAGES 5 & 7.

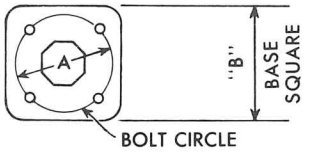




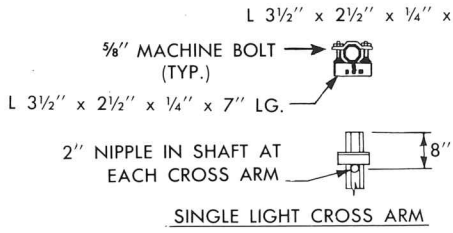
MODEL NO.	POLE SIZE	FIGURE NO.
359075	6½"x3¾" 20'-0" #11 GAGE	1, 3, 5 & 16
359076		2, 4, 6, & 12
359077		7, 9 & 11
359078		8, 10 & 13
359079		61K-WW & RING
359080		14 & 15
359081	7¼"x3¾" 25'-0" #11 GAGE	1, 3, 5 & 16
359082		2, 4, 6 & 12
359083		7, 9 & 11
359084		8, 10 & 13
359085		61K-WW & RING
359086		14 & 15
359087	8"x3¾" 30'-0" #11 GAGE	1, 3, 5 & 16
359088		2, 4, 6 & 12
359089		7, 9 & 11
359090		8, 10 & 13
359091		61K-WW & RING
359092	#7 GAGE	14 & 15
359093	8⅝"x3¾" 35'-0" #11 GAGE	1, 3, 5 & 16
359094		2, 4, 6 & 12
359095		7, 9 & 11
359096		8, 10 & 13
359097		61K-WW & RING
359098	#7 GAGE	14 & 15
359099	9⅜"x3⅞" 39'-6" #11 GAGE	1, 3, 5 & 16
359100		2, 4, 6 & 12
359101		7, 9 & 11
359102		8, 10 & 13
359103		61K-WW & RING
359104	#7 GAGE	14 & 15

ANCHOR BOLT DATA AND PLAN

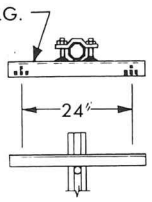
SHAFT LENGTH	BOLT CIRCLE "A"	BASE SQUARE "B"	ANCHOR BOLT SIZE	SHAFT GAGE
20'-0"	9 5/16"	10"	1"x40"	#11
25'-0"	10¼"	10½"	1"x40"	#11
30'-0"	11"	11"	1"x40"	#11
	11 1/16"	11¼"	1¼"x48"	#7
35'-0"	11 1/16"	12"	1"x40"	#11
	12¾"	12¾"	1¼"x48"	#7
40'-0"	13 1/16"	12½"	1¼"x48"	#11
	13 7/16"	12¾"	1¼"x48"	#7



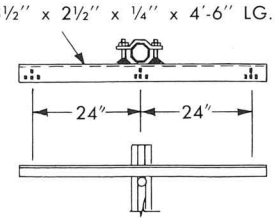
FLOODLIGHTING ARRANGEMENTS FOR SERIES 353 AND 359



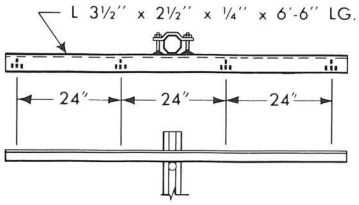
SINGLE LIGHT CROSS ARM



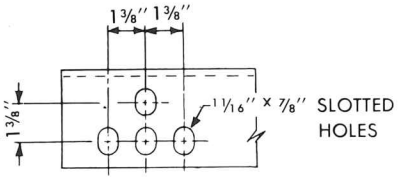
TWO LIGHT CROSS ARM



THREE LIGHT CROSS ARM



FOUR LIGHT CROSS ARM



LUMINAIRE MOUNTING DETAIL

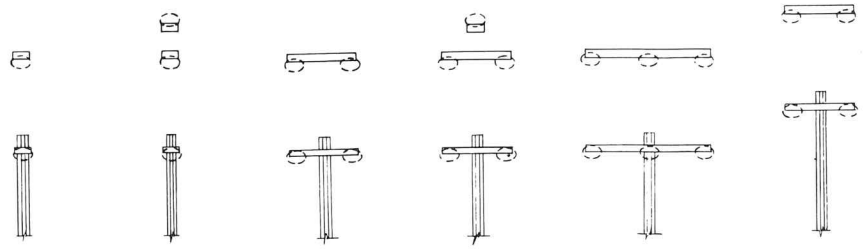


FIG. 1 ONE LIGHT
FIG. 2 2 LIGHTS
FIG. 3 2 LIGHTS
FIG. 4 3 LIGHTS
FIG. 5 3 LIGHTS
FIG. 6 4 LIGHTS

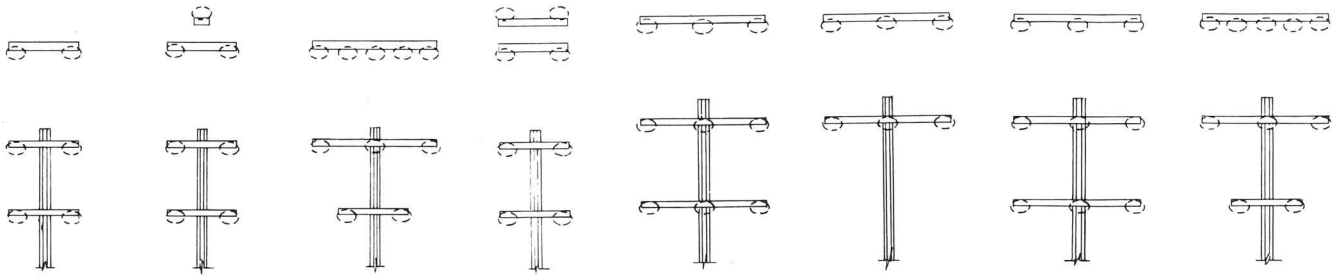


FIG. 7 4 LIGHTS
FIG. 8 5 LIGHTS
FIG. 9 5 LIGHTS
FIG. 10 6 LIGHTS
FIG. 11 6 LIGHTS
FIG. 12 6 LIGHTS
FIG. 13 9 LIGHTS
FIG. 14 10 LIGHTS

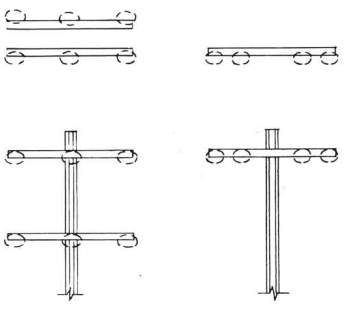
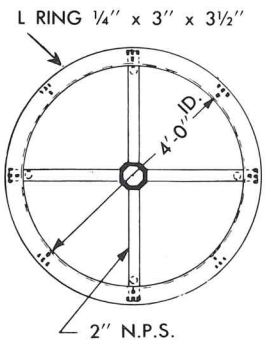
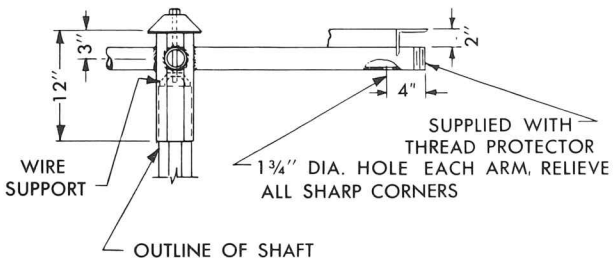


FIG. 15 12 LIGHTS
FIG. 16 4 LIGHTS

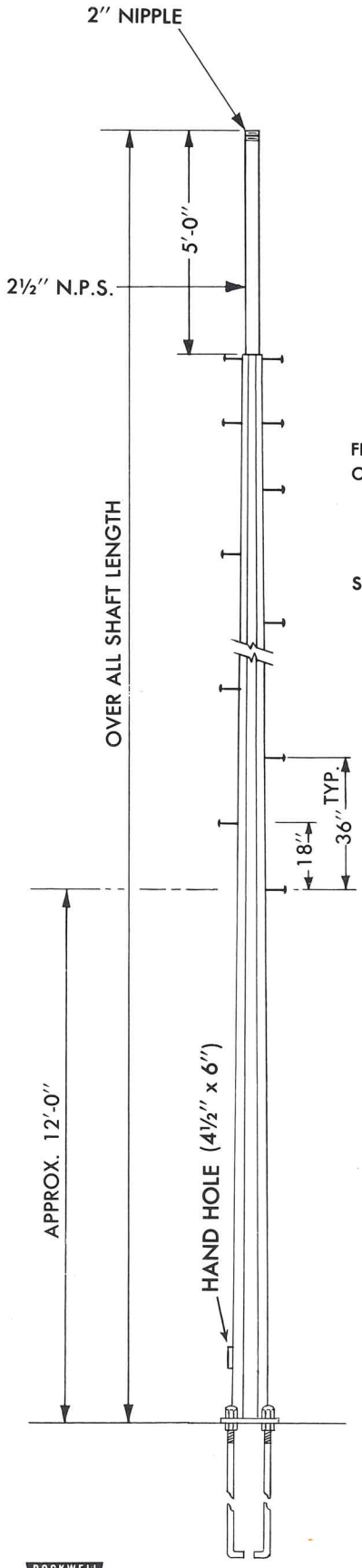




NOTE:
CROSS ARMS CAN BE USED IN MANY LIGHT COMBINATIONS.
THERE SHOULD BE 30" CENTER TO CENTER WHERE MORE THAN ONE ARM IS USED ON THE SAME SIDE OF THE SHAFT.

FLOODLIGHT RING DESIGN 2-352-8 FOR SERIES 353 (MAX. 8 LIGHTS)
FLOODLIGHT RING DESIGN 2-352-6 FOR SERIES 359 (MAX. 6 LIGHTS)
WEIGHT 128 LBS.
ANY ARRANGEMENT UP TO 8 FLOODLIGHTS CAN BE MADE WITH THE STANDARD PIERCING SHOWN. ANY SPECIAL ARRANGEMENT OF FEWER FLOODLIGHTS MUST BE SO ORDERED.

SERIES 365



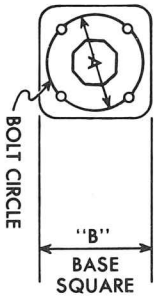
MODEL NO.	SHAFT SIZE	OVERALL SHAFT LENGTH	"A" BOLT CIRCLE	"B" BASE SQUARE	ANCHOR BOLT SIZE	BRACKET NO.
365000	5⅞″x3¾″x#11 GA.x15′-0″	20′-0″	9½″	10″	1″x40″	17559 THRU 17570
365001	6½″x3¾″x#11 GA.x20′-0″	25′-0″	9½″	10″	1″x40″	17559 THRU 17570
365061	7¼″x3¾″x#11 GA.x25′-0″	30′-0″	10¼″	10½″	1″x40″	17559 THRU 17570
365002	8″x3¾″x#11 GA.x30′-0″	35′-0″	11″	11″	1″x40″	17559 THRU 17570
365062	8⅝″x3¾″x#11 GA.x34′-6″	39′-6″	11 1⁄16″	12″	1″x40″	17559 THRU 17570

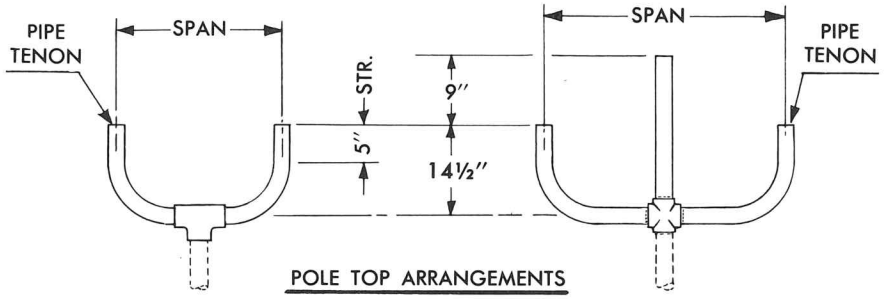
DESIGN GOOD FOR 100 MPH WIND (25.6 PSF) WITH MAXIMUM OF THREE FLOODLIGHTS (NOT MORE THAN 34# AND 2.4 SQ.-FT.) HAVING A COEFFICIENT OF DRAG OF 0.78 OR LESS.

TOP STEP BOLTS TO BE WITHIN 5′-0″ OF TOP.

STEP BOLTS SUPPLIED ON 30′, 35′ & 40′ OVERALL LENGTH SHAFTS. NO STEP BOLTS ON 20′ & 25′ LENGTHS.

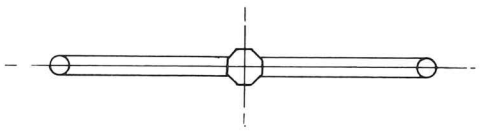
IN ORDERING SPECIFY MODEL NO. AND POLE TOP ARRANGEMENT NO.



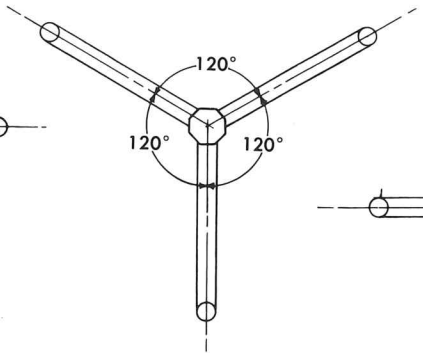


POLE TOP ARRANGEMENTS			
SPAN	PIPE SIZE	2 LIGHT NO.	3 LIGHT NO.
22″	1½″ STD.	17559	17565
22″	2″ STD.	17560	17566
32″	1½″ STD.	17561	17567
32″	2″ STD.	17562	17568
45″	1½″ STD.	17563	17569
45″	2″ STD.	17564	17570

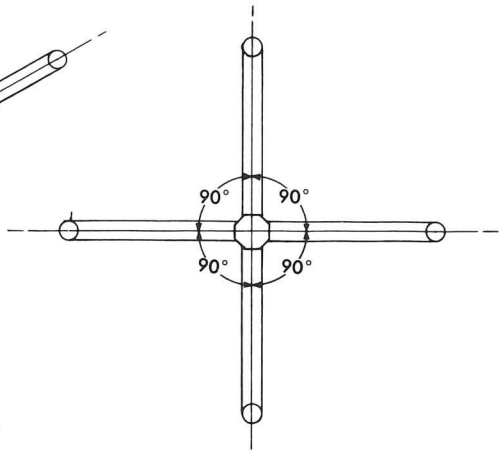
WILSON WIDE-LITE MOUNTING FOR SERIES 353-359



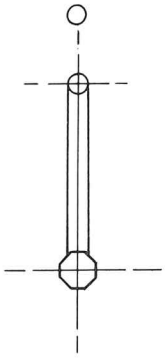
2 WAY BRACKET
61K-WW 2



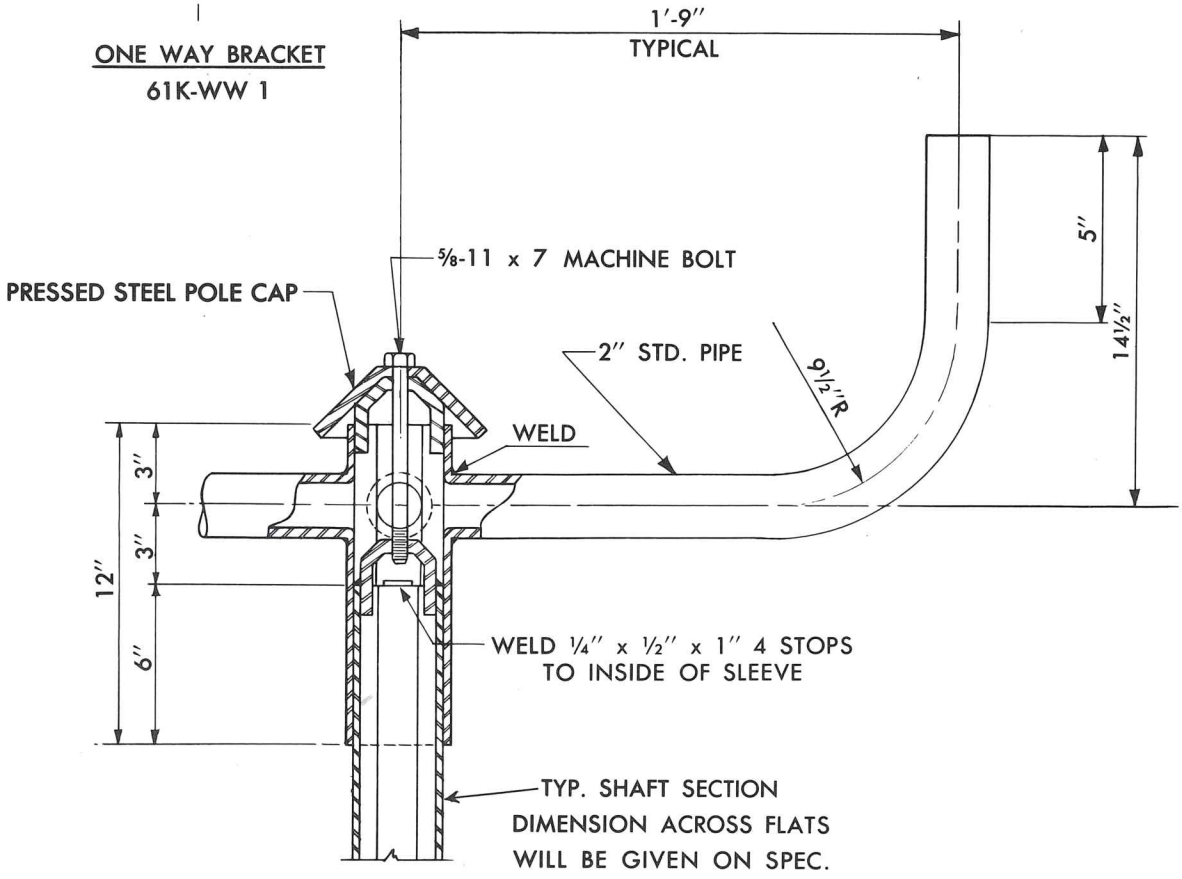
3 WAY BRACKET
61K-WW 3



4 WAY BRACKET
61K-WW 4



ONE WAY BRACKET
61K-WW 1



SPECIFICATIONS FOR ALUMINUM FLOODLIGHTING STANDARDS

DESIGN

Poles shall be designed to support the number of floodlights listed under each arrangement in wind loads equivalent to 100 MPH (25.6 PSF) peak wind pressure. Design shall be based on using underground wiring and enclosed floodlights with a maximum projected area of 2.4 sq. ft. and with a coefficient of drag of 0.78 or less for series 748 and 1.3 or less for series 747.

STANDARD CATALOG ALUMINUM FLOODLIGHTS

Standard catalog aluminum floodlights consist of the following parts:

1. Anchorage
2. Anchor Base
3. Pole wiring access opening
4. Shaft
5. Cross arm angles (748 series) or tenon type (747 series)
6. Wiring outlet at cross arms.
7. Pole cap (748 series only)

ANCHORAGE

Anchorage shall consist of four 1" diameter x 40" long high strength steel (Y. P. Min. 50,000 PSI) anchor bolts with top 4½" threaded, bottom 4" bent at 90 degrees and upper 12" galvanized. Miscellaneous components of anchorage shall be eight 1" galvanized hex nuts (four nuts to be used under anchor base for leveling), four 1" galvanized helical spring lock washers and eight 1" galvanized flat washers (four washers to be used in conjunction with the leveling nuts). Template prints giving anchor bolt setting information shall be furnished with each order.

ANCHOR BASE

Anchor base shall be cast of aluminum alloy 356, shall be true to pattern, and free from cracks, pits and blow holes. Base shall be equipped with a set of four cast aluminum bolt covers and stainless steel fasteners.

POLE WIRING ACCESS OPENING

Poles shall have a flush type reinforced handhole (approx. opening 4"x6½") with removable cover. Handhole reinforcing frame shall be made of cast aluminum alloy 356. On one side the reinforcing frame shall have ⅜"-16 NC threaded hole for attaching grounding device.

SHAFT

Shall be tapered by spinning and cold working a seamless extruded tube of aluminum alloy 6063-T4. After tapering, shaft shall be welded to anchor base, artifically aged to T6 temper and rotary sand finished. After fabrication, shaft shall be spiral wrapped for protection in shipping and provided with a rip cord for removal of wrapping after erection.

CROSS ARM ANGLES (748 SERIES)

Cross arms for floodlights mounting shall be made of 3½"x2½" x¼" aluminum angle arranged for the required number of floodlights and designed to clamp to the pole.

CROSS ARM WITH TENONS (747 SERIES)

Cross arms shall be made of aluminum alloy pipe. Tenons for mounting of floodlights shall be made of 2" standard aluminum pipe and shall project 4" above the top of the horizontal pipe cross arm. Cross arms shall be arranged for the required number of floodlights.

WIRING OUTLET AT CROSS ARMS

Poles arranged for cross arm angles (748 Series) shall be provided with a 2" aluminum pipe nipple welded into the shaft and located just under the cross arm angle.

Poles arranged for cross arm tenon type shall be provided with internal access from the pole to the arm and to the tenon.

POLE CAP (748 SERIES ONLY)

Pole cap shall be a casting of aluminum alloy 43. Casting shall be true to pattern and free from cracks, pits and blow holes.

STEP BOLTS

Step bolts can be furnished on special order and shall be threaded lugs securely welded in place at pole step locations. Pole steps shall be ⅝"x6" removable carriage bolts, galvanized.

NOTES

1. For 747 Series, in ordering, specify model number only. For 748 series, in ordering specify model and figure numbers.
2. Kerrigan Iron Works Company reserves the right to change specifications of its products at any time and without notice. Such changes, however, will be noted on approval drawings, when such drawings are requested by purchaser.

WARRANTY

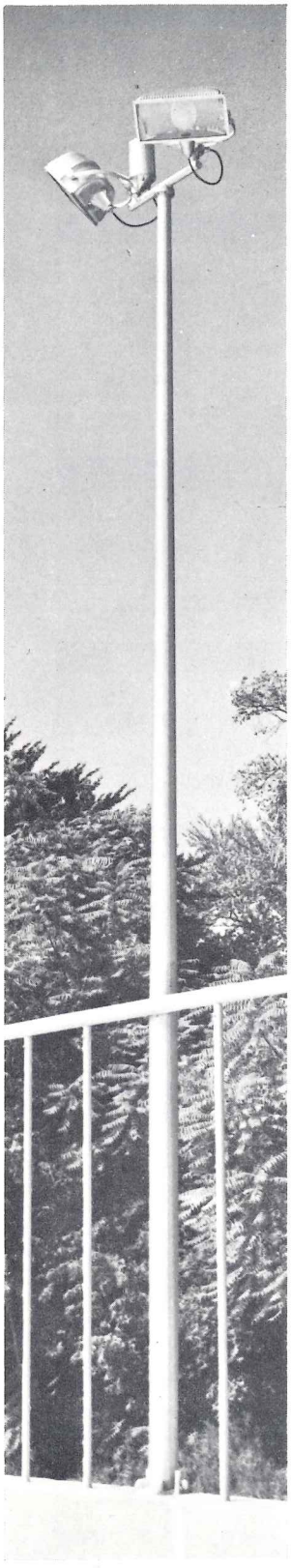
We warrant all goods of our manufacture to be free from defects caused by faulty material or poor workmanship and will at our option repair or replace, without charge, or allow credit for any such goods found on examination by us to be defective under normal use and service within one year from date of shipment to the buyer, provided we are promptly notified in writing upon discovery of such defects.

Goods shall not be returned to us without our consent in writing.

This warranty does not cover damage caused by improper installation, overloading, accident, neglect or harmful alterations or repairs made by others.

The buyer's remedies with respect to defective goods shall be exclusively limited as above provided.

SERIES 747



MODEL NUMBERS & SHAFT DIMENSIONS FOR 400 WATT WIDE-LITE FLOODS

NOMINAL MOUNTING HEIGHT	ARRANGEMENT TYPE				
	P-1	P-2	P-3	P-4	P-5
20′	747100 7″x4½″x19′-6″	747101 7″x4½″x19′-6″	747102 7″x4½″x19′-6″	747103 7″x4½″x19′-6″	747104 7″x4″x20′
25′	747105 7″x4½″x24′-6″	747106 7″x4½″x24′-6″	747107 8″x4½″x24′-6″	747108 8″x4½″x24′-6″	747109 8″x4″x25′
30′	747110 8″x4½″x29′-6″	747111 8″x4½″x29′-6″	747112 8″x4½″x29′-6″	747113 8″x4½″x29′-6″	747114 8″x4″x30′
35′	747115 8″x4½″x34′-6″	747116 8″x4½″x34′-6″	747117 10″x6″x 34′-6″	747118 10″x6″x 34′-6″	747119 8″x4″x35′
39′-6″	747120 10″x6″x39′	747121 10″x6″x39′	747122 10″x6″x39′	747123 10″x6″x39′	747124 10″x6″x39′

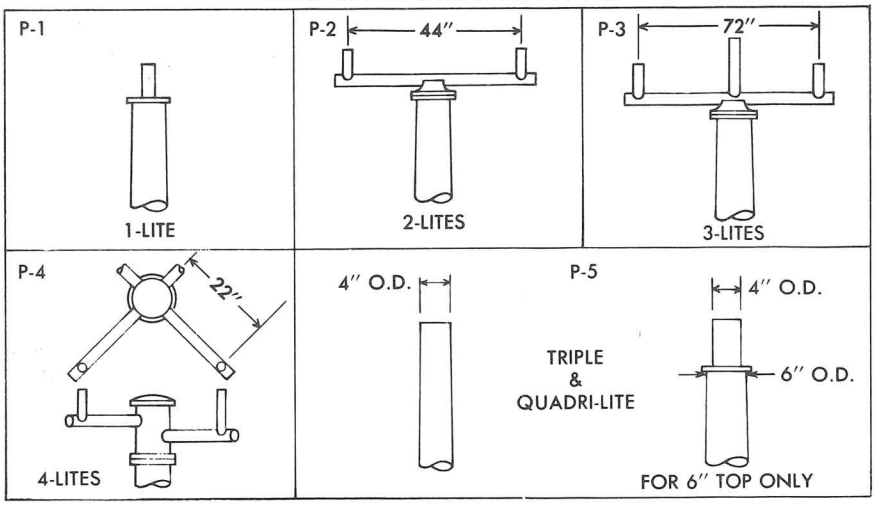
MODEL NUMBERS & SHAFT DIMENSIONS FOR 1000 WATT WIDE-LITE FLOODS

NOMINAL MOUNTING HEIGHT	ARRANGEMENT TYPE				
	P-1	P-2	P-3	P-4	P-5
20′	747100 7″x4½″x19′-6″	747101 7″x4½″x19′-6″	747125 8″x4½″x19′-6″	747126 8″x4½″x19′-6″	747104 7″x4″x20′
25′	747105 7″x4½″x24′-6″	747106 7″x4½″x24′-6″	747127 8″x4½″x24′-6″	747128 8″x4½″x24′-6″	747109 8″x4″x25′
30′	747110 8″x4½″x29′-6″	747111 8″x4½″x29′-6″	747129 10″x6″x29′-6″	747130 10″x6″x29′-6″	747114 8″x4″x30′
35′	747115 8″x4½″x34′-6″	747116 8″x4½″x34′-6″	747117 10″x6″x34′-6″	747118 10″x6″x34′-6″	747119 8″x4″x35′
39′-6″	747120 10″x6″x39′	747131 10″x6″x39′	747122 10″x6″x39′	747123 10″x6″x39′	747132 10″x6″x39′

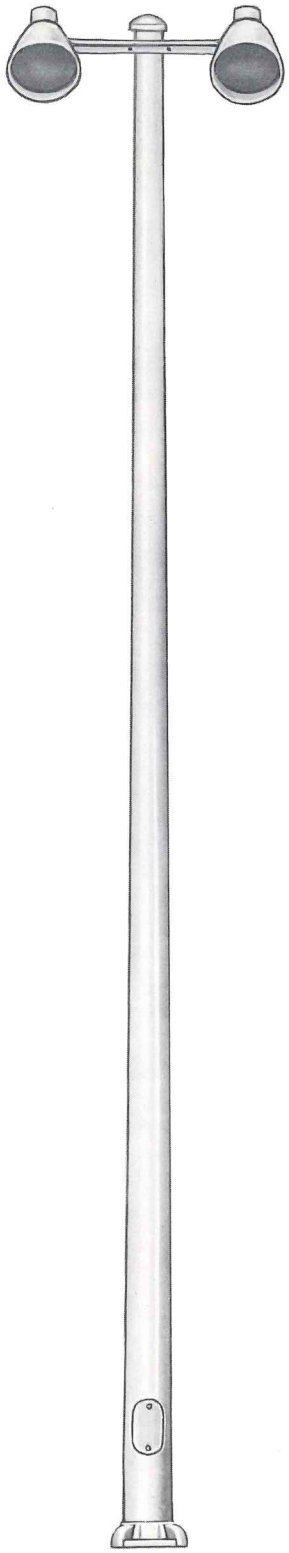
NOTES:

1. FOR ANCHOR BOLT PLAN SEE PAGE 11.
2. WALL THICKNESS .188″ IS STANDARD. .250″ WALL THICKNESS IS FURNISHED ON POLES WHERE MODEL NUMBER HAS BLUE BACKGROUND.
3. TENONS ON CROSS ARMS ARE 2″ STD. ALUMINUM PIPE 4″ LONG MIN.

DETAIL OF POLE TOPS & CROSS ARMS



SERIES 748



MODEL NO.	SHAFT SIZE	FIGURE NO.
748000	7″x4½″ .188 20′-0″	1, 3, 5 & 16
748001		2, 4, 6 & 12
748002		7, 9 & 11
748003		8 & 10
MAX.—6 LITES		

MODEL NO.	SHAFT SIZE	FIGURE NO.
748004	7″x4½″ .188 25′-0″	1, 3, 5 & 16
748005		2, 4 & 6
748006		7
MAX.—4 LITES		

MODEL NO.	SHAFT SIZE	FIGURE NO.
748007	8″x4½″ .188 25′-0″	1, 3, 5 & 16
748008		2, 4, 6 & 12
748009		7 & 9
748010		8 & 10
MAX.—6 LITES		

MODEL NO.	SHAFT SIZE	FIGURE NO.
748011	8″x4½″ .250 25′-0″	1, 3, 5 & 16
748012		2, 4, 6 & 12
748013		7, 9 & 11
748014		8, 10 & 13
748015		14
MAX.—10 LITES		

MODEL NO.	SHAFT SIZE	FIGURE NO.
748016	8″x4½″ .188 30′-0″	1, 3 & 5
748017		2, 4 & 6
MAX.—4 LITES		

MODEL NO.	SHAFT SIZE	FIGURE NO.
748018	8″x4½″ .250 30′-0″	1, 3, 5 & 16
748019		2, 4, 6 & 12
748020		7 & 9
748021		8 & 10
MAX.—6 LITES		

NOTES:

1. FIGURE NO. INDICATES CROSS ARM ARRANGEMENT. SEE PAGE 11.
2. TO ORDER—SPECIFY MODEL NO. AND FIGURE NO. (NO MORE THAN ONE FIGURE NO. PER POLE).
3. FOR OTHER DETAILS SEE SPECIFICATIONS ON PAGE 8.

MODEL NO.	SHAFT SIZE	FIGURE NO.
748022	10″x6″ .188 30′-0″	1, 3, 5 & 16
748023		2, 4, 6 & 12
748024		7, 9 & 11
748025		8 & 10
MAX.—6 LITES		

MODEL NO.	SHAFT SIZE	FIGURE NO.
748026	10″x6″ .250 30′-0″	1, 3, 5 & 16
748027		2, 4, 6 & 12
748028		7, 9 & 11
748029		8, 10 & 13
748030		14 & 15
MAX.—12 LITES		

MODEL NO.	SHAFT SIZE	FIGURE NO.
748031	8″x4½″ .188 35′-0″	1 & 3
748032		2
MAX.—2 LITES		

MODEL NO.	SHAFT SIZE	FIGURE NO.
748033	8″x4½″ .250 35′-0″	1, 3 & 5
748034		2, 4 & 6
MAX.—4 LITES		

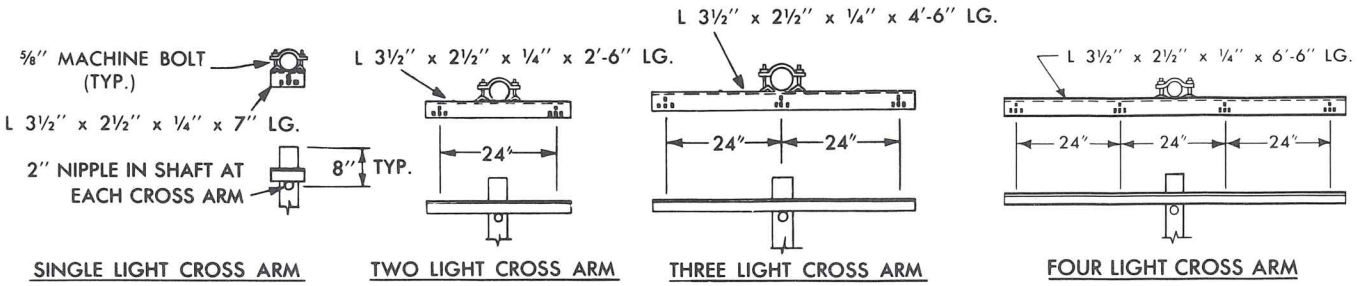
MODEL NO.	SHAFT SIZE	FIGURE NO.
748035	10″x6″ .188 35′-0″	1, 3, 5 & 16
748036		2, 4 & 6
748037		7
MAX.—4 LITES		

MODEL NO.	SHAFT SIZE	FIGURE NO.
748038	10″x6″ .250 35′-0″	1, 3, 5 & 16
748039		2, 4, 6 & 12
748040		7, 9 & 11
748041		8 & 10
MAX.—6 LITES		

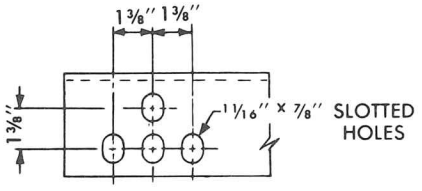
MODEL NO.	SHAFT SIZE	FIGURE NO.
748042	10″x6″ .188 39′-6″	1 & 3
748043		2 & 4
MAX.—3 LITES		

MODEL NO.	SHAFT SIZE	FIGURE NO.
748044	10″x6″ .250 39′-6″	1, 3, 5 & 16
748045		2, 4 & 6
748046		7
748047		8
MAX.—5 LITES		

MOUNTING ARRANGEMENTS FOR SERIES 748


5/8" MACHINE BOLT (TYP.)
L 3½" x 2½" x ¼" x 7" LG.
2" NIPPLE IN SHAFT AT EACH CROSS ARM
8" TYP.
L 3½" x 2½" x ¼" x 2'-6" LG.
24"
L 3½" x 2½" x ¼" x 4'-6" LG.
24"
24"
L 3½" x 2½" x ¼" x 6'-6" LG.
24"
24"
24"

SINGLE LIGHT CROSS ARM | TWO LIGHT CROSS ARM | THREE LIGHT CROSS ARM | FOUR LIGHT CROSS ARM



LUMINAIRE MOUNTING DETAIL

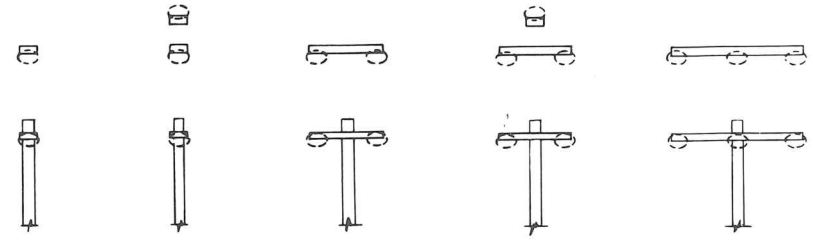


FIG. 1 ONE LIGHT | FIG. 2 2 LIGHTS | FIG. 3 2 LIGHTS | FIG. 4 3 LIGHTS | FIG. 5 3 LIGHTS

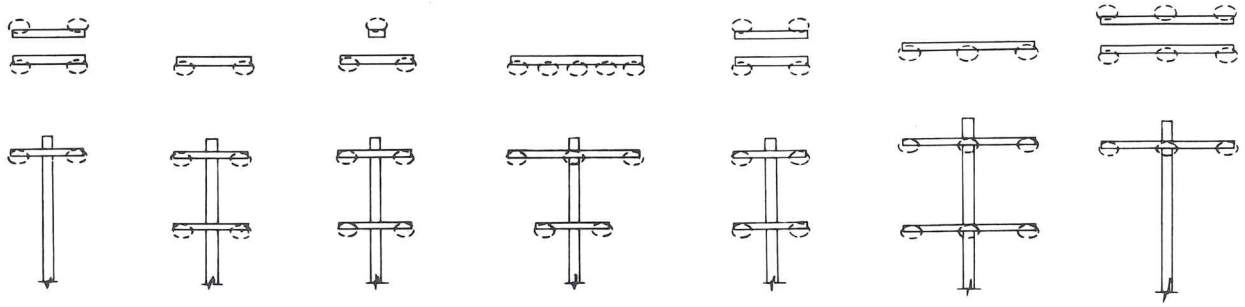


FIG. 6 4 LIGHTS | FIG. 7 4 LIGHTS | FIG. 8 5 LIGHTS | FIG. 9 5 LIGHTS | FIG. 10 6 LIGHTS | FIG. 11 6 LIGHTS | FIG. 12 6 LIGHTS

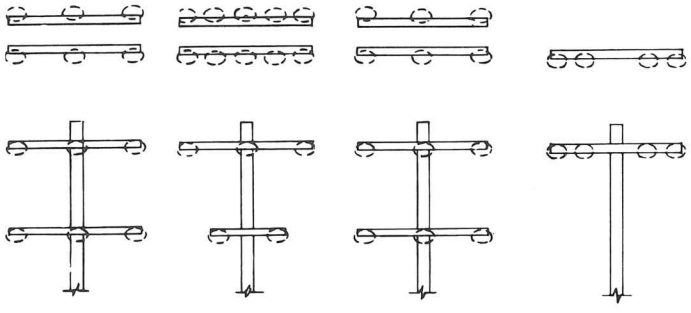
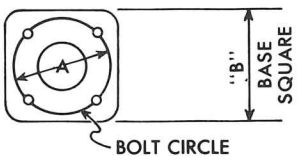


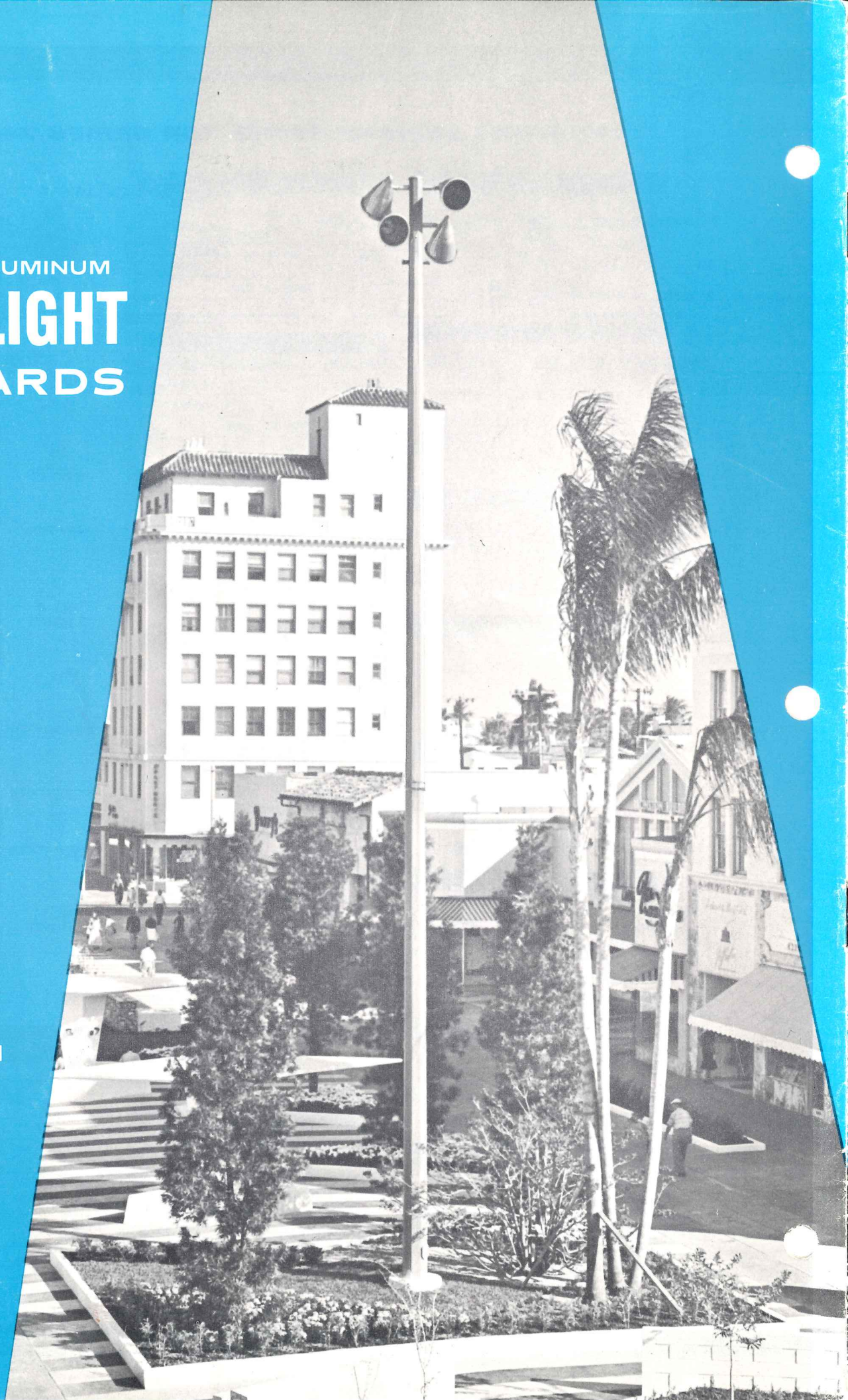
FIG. 13 9 LIGHTS | FIG. 14 10 LIGHTS | FIG. 15 12 LIGHTS | FIG. 16 4 LIGHTS

TYPICAL ANCHOR BOLT DATA AND PLAN FOR SERIES 747 AND 748			
SHAFT DIA.	7"	8"	10"
BOLT CIRCLE "A"	10"-11"	11"-12"	15"-16"
BASE SQUARE "B"	11⅞"	11⅞"	15⅝"
ANCHOR BOLTS	1"x40"	1"x40"	1"x40"



STEEL and ALUMINUM

FLOODLIGHT STANDARDS



KERRIGAN IRON WORKS COMPANY

NASHVILLE TENNESSEE

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